NURS504
Advanced Pharmacology

*Note: All content provided in the professor’s notes, course chart and course syllabus are based on the professor’s opinion and may vary from professor to professor & student to student. All content may be changed without notice. This information is for the purpose to provide analysis but is not binding in any form.

Course Syllabi
Course Charts
Professor’s Notes
From a Scale 1-10 (1 = low demands; 5 = moderate demands; 10 = very demanding), How would you rate the overall level of difficulty of this course?
Level of demand = 10
I believe this course should not be taken with another course.

From a Scale 1-10 (1 = low demands; 5 = moderate demands; 10 = very demanding), How would you rate the level of the reading requirements in this course?
Level of demand = 10
There is assigned weekly reading from the textbook. Also, students are expected to read additional information to prepare them for the case based learning.

From a Scale 1-10 (1 = low demands; 5 = moderate demands; 10 = very demanding), How would you rate the level of the lecture requirements in this course?
Level of demand = 5
There are PowerPoint presentations and documents to review for each lessons in addition to reading.

From a Scale 1-10 (1 = low demands; 5 = moderate demands; 10 = very demanding), How would you rate the level of the online exam requirements in this course?
Level of demand = 10
Students are expected to complete written case based exams that encompass 3-4 cases from each of the chosen topics. Students complete these exams over a one week time period.

From a Scale 1-10 (1 = low demands; 5 = moderate demands; 10 = very demanding), How would you rate the level of the discussion board requirements in this course?
Level of demand = 9
There are discussion board entries include a case based assessment and pharmacotherapy plan and responses to two other students each week.

From a Scale 1-10 (1 = low demands; 5 = moderate demands; 10 = very demanding), How would you rate the level of the written paper requirements in this course?
Level of demand = 2
This course requires the development of a PowerPoint presentation on the pharmacotherapy of a specific disease state topic.

Additional comments:
**COURSE CHART**

**NURS 504**

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<table>
<thead>
<tr>
<th>WEEK/ MODULE</th>
<th>READING &amp; STUDY</th>
<th>LEARNING ACTIVITIES</th>
<th>_POINTS</th>
<th>DATE DUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Lehne: Chs. 1–8 Edmunds: Chs. 1–10 PPT lecture notes</td>
<td>DB Class Introductions</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Lehne: Ch. 74 Edmunds: Chs. 13–14 PPT lecture notes</td>
<td>Asthma Case Study (Group 1) Asthma Case Replies (Group 2)</td>
<td>125</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Lehne: Ch. 56 Edmunds: Ch. 52 PPT lecture notes</td>
<td>Diabetes Case Study (Group 2) Diabetes Case Replies (Group 1)</td>
<td>125</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>None</td>
<td>Disease State PPT Presentation</td>
<td>200</td>
<td></td>
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<tr>
<td>5</td>
<td>Lehne: Chs. 42–46 Edmunds: Chs. 15, 18–20 PPT lecture notes</td>
<td>HTN Case Study (Group 1) HTN Case Replies (Group 2)</td>
<td>125</td>
<td></td>
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<tr>
<td>6</td>
<td>Lehne: Ch. 47 Edmunds: Chs. 17–20 PPT lecture notes</td>
<td>CHF Case Study (Group 2) CHF Case Replies (Group 1)</td>
<td>125</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Lehne: Chs. 49–52 Edmunds: Chs. 16, 20, 22 PPT lecture notes</td>
<td>ACS Case Study (Group 1) ACS Case Replies (Group 2)</td>
<td>125</td>
<td></td>
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<tr>
<td>8</td>
<td>Lehne: Chs. 31–35 Edmunds: Chs. 46-49 PPT lecture notes</td>
<td>Psychiatric Case Study (Group 2) DB replies (Group 1)</td>
<td>125</td>
<td></td>
</tr>
</tbody>
</table>

**TOTAL** 1000

DB = Discussion Board
PPT = PowerPoint
**COURSE SYLLABUS**

**COLLEGE OF ARTS AND SCIENCES**
**DEPARTMENT OF NURSING**

**NURS 504**
**ADVANCED PHARMACOLOGY**

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**COURSE DESCRIPTION**

This course is designed to expand the advanced practice student’s knowledge of pharmacotherapeutics, which includes the cellular response level, for the management of individuals in the acute care and primary care setting. Broad categories of pharmacological agents are examined. Skills to assess, diagnose, and manage a client’s common health problems in a safe, high quality, cost-effective manner are emphasized.

**RATIONALE**

The rationale of the course is consistent with the goal statement of the Liberty University Masters of Science in Nursing Program, which is to prepare competent individuals as Advanced Practice Nurses.

I. **PREREQUISITES**

None

II. **REQUIRED RESOURCE PURCHASES**


III. **ADDITIONAL MATERIALS FOR LEARNING**

A. Computer with basic audio and video equipment
B. Internet access (broadband recommended)
C. Microsoft Word  
(Microsoft Office is available at a special discount to LU students.)

IV. **Measurable Learning Outcomes**  
Upon successful completion of this course, the student will be able to:  
A. Describe and explore the role of advance practice nurse in pharmacotherapy.  
B. Demonstrate understanding of basic pharmacokinetics and pharmacodynamics.  
C. Differentiate the pharmacological actions of medications used to treat common disease entities.  
D. Evaluate drug regimens to support appropriate and safe drug therapy.  
E. Design individualized pharmacotherapy plans based on patient specific conditions.  
F. Demonstrate a personal and professional Christian value system based on biblical and ethical principles regarding medication usage.  
G. Integrate a Christian worldview into initiation and development of advanced practice nursing role

V. **Course Requirements and Assignments**  
A. Textbook readings and lecture presentations/notes  
B. Discussion Board Class Introductions  
C. Discussion Board Case studies/replies (6)  
The class will be divided into two groups, both receiving three different case studies. Individually, students will complete each assigned case study in AP (Assessment/Plan) format and post it on the designated Discussion Board forum for review by their classmates. The members of the other group will post replies to two of those case studies. (See About Your Course> Essential Elements for discussion board guidelines, grading criteria, and an example of an AP format case study.)  
D. Disease State PowerPoint presentation  
Students will be expected to develop a PowerPoint presentation on one Disease State (example: COPD, Osteoporosis). The disease state chosen should be a topic that is not covered during the course of the semester. This presentation should be directed to educate colleagues on the chosen topic. The presentation/program should include a review of the pathophysiology of the disease state, review of the pharmacological agents used for treatment and important information related to nursing. (See About Your Course> Essential Elements for detailed instructions about this assignment.)
VI. COURSE GRADING AND POLICIES

A. Points

DB Class Introductions  50
DB Case Studies/Replies (6 @ 125 points each)  750
Disease State PPT Presentation  200

Total 1000

B. Scale

A = 900–1000  B = 800–899  Below 800 does not meet program standard

C. Disability Assistance

Students with a documented disability may contact the DLP Office of Disability Academic Support (ODAS) at dlpodas@liberty.edu to make arrangements for academic accommodations.